Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 11 Dec 2021 until 23:59 on Sunday 12 Dec 2021

Forecast Issued on Friday 10 Dec 2021 at 15:00

Confidence: High confidence for a return to milder conditions from Saturday but uncertainty about the extent of rainfall and how long it will last over the coming days.

Headline for Saturday 11 Dec 2021: Cloudy with rain spreading to all parts in the afternoon. Strengthening southwesterly winds, turning milder later.

Mountain weather hazards on Saturday 11 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
10%	10%	10%	20%	40%	80%	80%	60%

Forecast for Saturday 11 Dec 2021

Weather: A dry night with some clear spells but clouding over towards dawn as frontal rain approaches western England. Soon after daylight lower cloud will thicken and rain spreads east across the Peak District by lunchtime, falling as rain at all levels. A few heavier pulses during the afternoon and evening. Rain will become lighter and patchier later in the evening.

Chance of cloud free mountain/hill tops above 600m: 90% first thing but soon gradually decreasing during the day and by mid afternoon only 20% with low cloud becoming overcast.

Visibility: In the morning patches of low cloud around 600m but gradually thickening and lowering over the hills becoming overcast at around 400m by mid afternoon. Good visibility at dawn but becoming moderate or poor in the rain and perhaps very poor at times during the afternoon in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 11 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 W	13/18 W	12/17 SW	14/18 SW	19/28 SW	22/32 S	20/29 SW	19/27 SW	19/28 SW
300	10/16 W	8/12 W	7/10 SW	6/11 SW	11/19 S	13/23 S	12/20 S	13/21 SW	12/21 SW
Valley	5/13 W	3/10 W	3/8 S	4/12 S	8/18 S	9/21 S	7/18 S	8/19 SW	9/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	0/-5	1/-4	1/-4	2/-3	4/-2	5/0	7/2	7/3
300	2/-2	2/-1	3/-0	3/1	4/1	5/2	7/4	9/6	10/7
Valley	2/0	2/0	2/1	3/1	5/2	6/3	7/5	9/7	10/8
Freezing Level*	700m	800m	800m	800m	1900m	2400m	2500m	2500m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Turning milder during the day with quite a rapid lift in freezing level resulting in some snowmelt over higher hills during the afternoon with rivers and streams rising. Very wet underfoot in places. Southerly winds becoming quite strong in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 10 Dec 2021	11mm	19.2mm	26.2mm

Forecast for Sunday 12 Dec 2021

Weather: A cloudy day with patchy light rain at times a few brighter spells in the afternoon but some heavier rain again for a time in the evening.

Maximum wind: Southerly 10-15mph increasing 20mph gusts 30mph later.

Chance of cloud free mountain/hill tops above 600m: 10% improving to 40%.

Visibility: Overcast low cloud with a base around 400m for most of the morning, cloud breaking in the afternoon becoming broken or scattered above 500m. More cloud breaks around eastern hills during the afternoon. Overcast above 600m later in the evening as a narrow band of frontal rain spreads east.

Temperature: **Valleys:** Plus 6 Celsius rising to 11 Celsius.
At 600m: Plus 5 Celsius rising to 8 Celsius.
Freezing level: Above all summits.

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